



TECHNICAL MEMORANDUM

DATE: June 10, 2005

PROJECT: RS05-2058F

TO: Steve Borroum and John Heiser, El Dorado County DOT

FROM: Ronald T. Milam & Jeff Gulden, Fehr & Peers

RE: *El Dorado County Traffic Impact Fee Program – Modified Traffic Contribution Forecasts
Technical Support Documentation*

Fehr & Peers has completed the modified traffic contribution forecasts for the proposed update of the El Dorado County traffic impact fee programs. The specific modification associated with these forecasts involved changing the method for allocating external trip ends. Previously, external trip ends were assigned to the internal El Dorado County district where the other trip end either originated or was destined. The rationale for this approach was that the County could not collect impact fees from the external trip ends and that the full trip would have to be assigned to the internal El Dorado County district. This modified traffic contribution forecast was requested by DOT to keep track of all trip ends and assign them to their specific origin or destination even if that included an external location. As a result, external trip ends are now tracked individually and assigned to the external district for traffic contribution purposes. This memorandum provides the documentation for the modified traffic contribution forecasts and explains how the El Dorado County General Plan travel demand model was used in this process.

Travel Demand Model

The El Dorado County General Plan travel demand forecasting (TDF) model was modified for this fee program update to include a 2015 horizon year. MUNI Financial developed land use forecasts for this horizon year and they were incorporated into the travel demand model. The travel demand model was run with this new land use and the resulting vehicle trips were assigned to the existing roadway network. Based on this run, we identified level of service (LOS) deficiencies for roadway segments and then conducted additional model runs to evaluate potential roadway improvements.

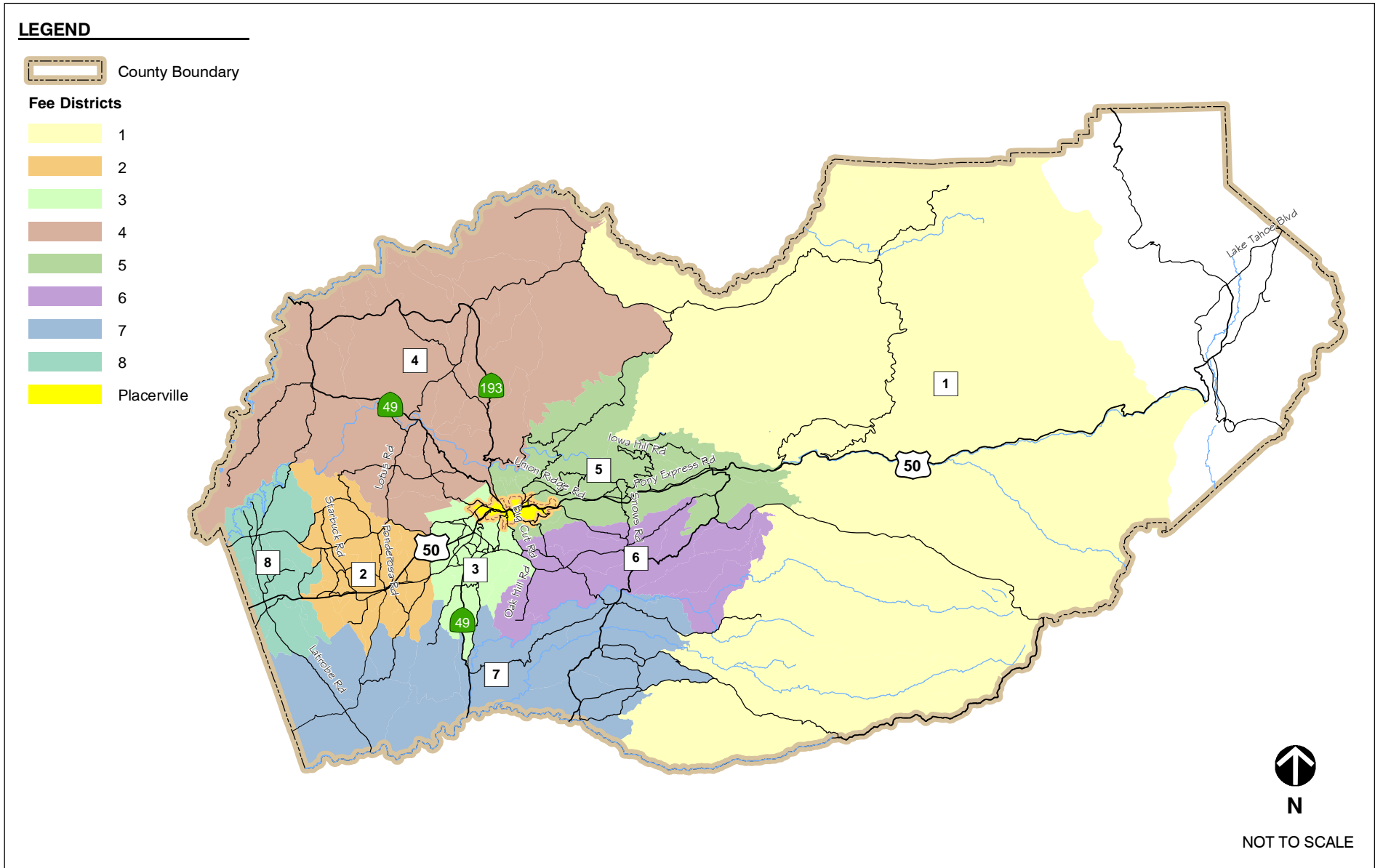
To establish a nexus between the roadway improvements and new development in the County, the model was used to determine the traffic contribution from new development to each roadway segment that was projected to have a LOS deficiency. This process is described in the following section.

Traffic Contribution Calculation

The traffic contribution forecasts were performed by using the TDF model to track trips to and from each fee district (refer to Figure 1) on the roadway segments in the model. Any trip that had an external trip end (i.e., an origin or destination outside El Dorado County), was assigned to a district entitled "External." The output results from this process were spreadsheet tables showing the percentage of traffic to and from each district using each deficient roadway segment. In other words, the model was used to keep track of the trips to and from each district that contributed to the roadway segment LOS deficiency.

The trip contribution percentage assigned to each district is based on the number of trips that begin and end in a district. Trips that are intra-district, meaning they have both the origin and destination ends of the trip within the same district, are assigned 100 percent to that district. Trips that are inter-district (i.e., the origin end in one district and the destination end in another district) have 50 percent of the trip assigned to each district. Trips that travel from an internal County district to an external area or from an external area to an internal County district (internal-external and external-internal) are treated the same as inter-district trips with the external half of the trip being assigned to the "External" district. Trips that travel from outside the County to another location outside the County (external to external) are not assigned to an individual district. These trips are added into the "External" district.

Two versions of these spreadsheets were generated. The first version isolates the contribution of new trips (i.e., trips generated between 2005 and 2015) by district to each deficient roadway segment, whereas, the second version contains the contribution of total 2015 trips by district to each deficient roadway segment. The detailed spreadsheets containing this information are provided in Attachment A. In reviewing the Attachment A spreadsheets, please note that the "trip contribution" columns contain the raw model results for a total of ten districts, which include the eight internal El Dorado County fee program districts, the City of Placerville as a district, and the external district.



ATTACHMENT A

Peak Hour District Trip Contributions to LOS Deficient Roadway Segments – 2015 Conditions

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99

Model Year: 2015

04GP Nexus Allocation - Future Trip Incremental Increase

ROAD NAME	SEGMENT	2015 04GP PM PEAK HOUR			TRIP CONTRIBUTION										External
		VOLUME	LOS	DEFICIENCY	El Dorado County Fee Districts										
					9	1	7	2	3	4	5	6	8		
BASS LAKE ROAD															
	1. US 50 to Country Club Dr	1,400	E	YES	1.40%	0.23%	0.70%	15.42%	4.67%	0.00%	1.64%	0.70%	36.92%	38.32%	
	2. Country Club Dr to Bass Lake	760	D		0.00%	0.26%	0.00%	26.89%	1.04%	0.00%	0.00%	0.00%	45.17%	26.63%	
	3. Bass Lake to Green Valley Rd	510	C		1.22%	0.41%	0.00%	44.31%	2.03%	0.41%	0.00%	0.00%	30.49%	21.14%	
BASS LAKE ROAD, NEW															
	1. Bass Lake Rd to Green Valley Rd (a)	-	-	-	1.22%	0.41%	0.00%	44.31%	2.03%	0.41%	0.00%	0.00%	30.49%	21.14%	
BIG CUT ROAD															
	1. Pleasant Valley Rd to Placerville City Limits	110	B		8.82%	4.90%	11.76%	10.78%	18.63%	0.00%	0.00%	19.61%	9.80%	15.69%	
BUCKS BAR ROAD															
	1. Mt Aukum to Cattle Cr Ln	490	D		9.01%	4.50%	25.23%	9.01%	26.13%	1.80%	2.70%	0.00%	2.70%	18.92%	
	2. Cattle Cr Ln to Pleasant Valley Rd	510	C		4.67%	2.80%	25.23%	8.41%	28.97%	1.87%	1.87%	0.93%	6.54%	18.69%	
CAMBRIDGE ROAD															
	1. US 50 EB ramps to Country Club Dr	1,020	D		5.62%	0.00%	1.12%	62.92%	6.74%	0.00%	1.12%	0.00%	8.99%	13.48%	
	2. Country Club Dr to Oxford Rd	1,050	D		0.69%	0.00%	0.00%	61.38%	1.38%	0.00%	0.00%	0.00%	11.72%	24.83%	
	3. Oxford Rd to Green Valley Rd	540	C		0.73%	0.00%	1.46%	20.44%	4.38%	0.00%	0.00%	0.00%	67.88%	5.11%	
CAMERON PARK DRIVE															
	1. Durock Rd to Coach Ln	2,600	D		0.24%	0.00%	0.71%	52.24%	1.65%	0.24%	0.00%	0.47%	19.29%	25.18%	
	2. Coach Ln to Palmer Dr	2,730	D		3.86%	0.00%	0.62%	51.56%	10.21%	0.25%	0.25%	0.37%	22.29%	10.59%	
	3. Palmer Dr to Oxford Rd	2,170	F	YES	4.62%	0.18%	0.53%	55.60%	8.88%	0.00%	1.07%	0.53%	16.16%	12.43%	
	4. Oxford Rd to Green Valley Rd	1,210	D		0.55%	0.28%	2.21%	43.09%	4.42%	0.00%	0.00%	0.55%	29.28%	19.61%	
CARSON ROAD															
	1. Placerville City Limits to Union Ridge Rd	250	C		16.67%	0.00%	0.69%	2.78%	18.75%	1.39%	50.00%	0.00%	2.78%	6.94%	
	2. Union Ridge Rd to US 50	200	B		0.00%	8.51%	0.00%	0.00%	2.13%	6.38%	68.09%	0.00%	0.00%	14.89%	
	3. US 50 to Barkley Rd	360	C		0.00%	0.00%	0.00%	0.00%	31.25%	0.00%	56.25%	12.50%	0.00%	0.00%	
	4. Barkley Rd to Pony Express Tr	270	C		0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	96.00%	0.00%	0.00%	0.00%	
CEDAR RAVINE ROAD															
	1. Pleasant Valley Rd to Quarry Rd	190	C		19.23%	7.69%	0.00%	0.00%	0.00%	26.92%	3.85%	26.92%	0.00%	15.38%	
	2. Quarry Rd to Placerville City Limits	330	C		12.50%	2.50%	0.00%	10.00%	10.00%	17.50%	10.00%	22.50%	2.50%	12.50%	
COLD SPRINGS ROAD															
	1. Placerville City Limits to Cool Water Cr	680	C		26.40%	0.00%	0.00%	0.00%	35.20%	30.00%	2.00%	0.00%	0.40%	6.00%	
	2. Cool Water Cr to Gold Hill Rd	450	C		15.50%	0.00%	0.78%	0.78%	28.68%	24.03%	0.00%	0.00%	7.75%	22.48%	
	3. Gold Hill Rd to SR 49	270	C		17.14%	0.00%	0.00%	0.00%	28.57%	20.95%	0.00%	0.00%	9.52%	23.81%	
COUNTRY CLUB DRIVE															
	1. Bass Lake Rd to Merrychase Dr	600	C		0.67%	0.00%	0.00%	50.34%	0.00%	0.00%	0.00%	0.00%	21.48%	27.52%	
	2. Merrychase Dr to Cambridge Rd	550	C		6.25%	0.00%	3.91%	0.00%	8.59%	0.78%	5.47%	2.34%	16.41%	56.25%	
	3. Cambridge Rd to Royal Dr (W)	790	D		3.45%	0.00%	2.87%	11.49%	6.32%	0.57%	4.02%	1.72%	16.67%	52.87%	
	4. Royal Dr (W) to Cameron Park Dr	660	C		2.99%	0.00%	3.98%	16.42%	5.47%	0.50%	3.98%	1.49%	16.42%	48.76%	
COUNTRY CLUB DRIVE EXTENSION															
	1. Silva Valley Pkwy to Bass Lake Rd (b)	-	-	-	0.65%	0.00%	2.49%	26.75%	7.06%	1.19%	0.30%	0.30%	25.86%	35.41%	
DUROCK ROAD															
	1. Cameron Park Dr to Heinz Rd	1,340	D		0.33%	0.00%	1.97%	56.58%	0.66%	0.00%	0.00%	0.00%	17.43%	23.03%	
	2. Hines Rd to S Shingle Rd	1,220	D		0.00%	0.00%	4.16%	38.78%	11.91%	0.00%	0.55%	0.28%	33.52%	10.80%	
EL DORADO HILLS BLVD															
	1. US 50 to Lassen Ln	5,000	F	YES	0.30%	0.00%	0.15%	4.32%	2.53%	3.38%	0.00%	0.00%	70.87%	18.44%	
	2. Lassen Ln to Olson Ln	3,270	D		1.60%	0.00%	0.34%	6.63%	4.28%	3.27%	0.34%	0.00%	68.43%	15.11%	
	3. Olson Ln to St Andrews Dr	2,530	D		1.36%	0.00%	0.45%	6.02%	3.97%	3.97%	0.34%	0.11%	69.35%	14.42%	
	4. St Andrews Dr to Francisco Dr	2,230	F	YES	1.43%	0.00%	0.16%	7.92%	1.27%	4.12%	0.00%	0.16%	54.20%	30.74%	
	5. Francisco Dr to Green Valley Rd	1,000	D		1.78%	0.00%	0.20%	8.10%	2.17%	5.53%	0.20%	0.20%	58.89%	22.92%	
EL DORADO ROAD															
	1. Pleasant Valley Rd to Mother Lode Dr	370	C		0.00%	0.00%	0.00%	3.60%	92.79%	0.90%	0.00%	0.00%	0.90%	1.80%	
	2. Mother Lode Dr to US 50	740	D		0.00%	0.00%	0.00%	10.24%	73.23%	0.79%	0.79%	0.00%	7.87%	7.09%	
	3. US 50 Interchange	820	C		2.56%	0.00%	1.79%	21.03%	55.38%	1.03%	0.00%	0.00%	7.18%	11.03%	
	4. US 50 to Missouri Flat Rd	510	C		6.68%	0.00%	1.07%	17.65%	58.82%	2.41%	0.80%	0.27%	4.55%	7.75%	
	5. Missouri Flat Rd to Green Valley Rd	450	C		26.24%	0.00%	1.36%	3.17%	53.85%	4.98%	3.17%	0.90%	3.17%	3.17%	
FAIRPLAY ROAD															
	1. Mt Aukum to Omo Ranch Rd	170	C		3.85%	0.00%	65.38%	11.54%	0.00%	0.00%	0.00%	3.85%	3.85%	11.54%	
FORNI ROAD															
	1. SR49 to Enterprise Dr	240	C		14.78%	0.43%	6.96%	6.09%	61.30%	1.74%	0.87%	1.30%	1.30%	5.22%	
	2. Enterprise Dr to Missouri Flat Rd	780	D		14.21%	0.00%	8.20%	0.00%	68.31%	1.64%	0.55%	0.00%	0.55%	6.56%	
	3. Missouri Flat Rd to Wamego Rd	430	C		12.18%	0.51%	0.00%	10.66%	53.81%	6.09%	5.58%	3.05%	5.58%	2.54%	
	4. Wamego Rd to Placerville City Limits	430	C		12.18%	0.51%	0.00%	10.66%	53.81%	6.09%	5.58%	3.05%	5.58%	2.54%	
FRANCISCO DRIVE															
	1. EDH Blvd to Green Valley Rd	1,330	D		0.00%	0.00%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	49.37%	50.00%	
GARDEN VALLEY ROAD															
	1. SR 193 to Marshall Rd	170	C		20.00%	10.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	30.00%	
GOLD HILL ROAD															
	1. Lotus Rd to Cold Springs Rd	160	B		0.00%	0.00%	3.45%	6.90%	44.83%	44.83%	0.00%	0.00%	0.00%	0.00%	
	2. Cold Springs Rd to SR 49	30	A		0.00%	0.00%	0.00%	0.00%	57.14%	14.29%	0.00%	0.00%	14.29%	14.29%	
GREEN VALLEY ROAD															
	1. County Line to Francisco Dr	3,550	F	YES	0.28%	0.00%	0.65%	12.22%	1.77%	2.52%	0.47%	0.19%	31.90%	50.00%	
	2. Francisco Dr to Salmon Falls Rd	1,830	E		0.93%	0.16%	0.78%	20.84%	2.95%	4.82%	0.93%	0.47%	19.75%	48.37%	
	3. Salmon Falls Rd to Deer Valley Rd (W)	1,490	D		0.83%	0.00%	1.24%	25.41%	2.27%	0.00%	0.21%	0.21%	35.54%	34.30%	
	4. Deer Valley Rd (W) to Bass Lake Rd	1,390	D		3.47%	0.00%	1.54%	21.24%	10.23%	0.00%	0.77%	0.00%	50.58%	12.16%	
	5. Bass Lake Rd to Cameron Park Dr	1,360	D		3.24%	0.27%	1.62%	34.59%	8.65%	0.54%	0.00%	0.81%	31.62%	18.65%	
	6. Cameron Park Dr to Deer Valley Rd (E)	620	D		16.00%	0.00%	0.00%	16.00%	20.00%	1.00%	4.00%	2.00%	28.00%	13.00%	

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool
 Version: M99 Model Year: 2015
 04GP Nexus Allocation - Future Trip Incremental Increase

ROAD NAME	SEGMENT	2015 04GP PM PEAK HOUR			TRIP CONTRIBUTION										External
		VOLUME	LOS	DEFICIENCY	El Dorado County Fee Districts										
					9	1	7	2	3	4	5	6	8		
	7. Deer Valley Rd (E) to Lotus Rd	1,060	E	YES	7.03%	0.00%	0.61%	36.39%	8.87%	15.90%	1.53%	0.31%	12.84%	16.51%	
	8. Lotus Rd to Greenstone Rd	880	D		11.15%	0.36%	0.90%	37.41%	21.58%	1.44%	2.34%	13.13%	9.35%		
	9. Greenstone Rd to Missouri Flat Rd	760	D		14.75%	0.00%	0.33%	31.80%	24.92%	4.59%	3.93%	2.95%	9.84%	6.89%	
	10. Missouri Flat Rd to Placerville City Limits	830	D		26.78%	0.35%	0.70%	15.65%	29.39%	8.00%	5.39%	1.39%	6.78%	5.57%	
GREENSTONE ROAD															
	1. Mother Lode Dr to US 50	420	C		8.28%	0.00%	2.96%	11.83%	36.09%	4.14%	4.73%	0.00%	20.71%	11.24%	
	2. US 50 Interchange	460	C		8.27%	0.00%	6.02%	9.77%	33.83%	4.51%	5.26%	0.00%	18.05%	14.29%	
	3. US 50 to Green Valley Rd	360	C		0.00%	0.00%	3.40%	55.78%	8.16%	6.12%	0.00%	0.00%	10.20%	16.33%	
HEADINGTON ROAD															
	1. Missouri Flat Rd to El Dorado Rd (c)	-	-	-	9.84%	0.16%	0.31%	0.94%	74.69%	0.00%	5.00%	2.34%	2.19%	4.53%	
LATROBE ROAD															
	1. County Line to S Shingle Rd	320	C		2.56%	0.00%	8.97%	0.00%	5.13%	1.28%	11.54%	0.00%	16.67%	53.85%	
	2. S Shingle Rd to Wetsel Oviatt	760	D		3.39%	0.40%	6.19%	16.17%	5.19%	1.00%	1.20%	0.20%	46.11%	20.16%	
	3. Wetsel Oviatt to Investment Blvd	940	D		3.22%	0.40%	5.63%	17.30%	5.23%	1.41%	1.21%	0.20%	50.50%	14.89%	
	4. Investment Blvd to Carson Creek	1,620	E	YES	0.00%	0.00%	17.39%	8.70%	2.17%	2.17%	0.00%	0.00%	36.96%	32.61%	
	5. Carson Creek to White Rock Rd	2,810	D		0.00%	0.27%	0.81%	0.13%	0.00%	0.00%	0.13%	0.00%	72.01%	26.65%	
	6. White Rock Rd to US 50	6,210	F	YES	0.50%	0.18%	0.14%	3.61%	1.83%	0.50%	0.00%	0.09%	62.37%	30.77%	
LOTUS ROAD															
	1. Green Valley Rd to Springvale Rd	780	C		0.54%	0.00%	1.08%	32.97%	3.24%	38.38%	0.00%	1.08%	3.78%	18.92%	
	2. Springvale Rd to Thompson Hill Rd	490	C		0.00%	0.00%	0.80%	35.20%	6.40%	35.20%	0.00%	0.00%	4.80%	17.60%	
	3. Thompson Hill Rd to SR 49	570	C		0.62%	0.00%	0.00%	32.92%	1.24%	39.75%	0.00%	0.62%	4.97%	19.88%	
MARSHALL ROAD															
	1. SR 49 to Mt Murphy Rd	330	C		8.11%	0.00%	0.00%	9.01%	8.11%	59.46%	2.70%	0.90%	11.71%	0.00%	
	2. Mt Murphy Rd to Black Oak Mine Rd	310	C		8.93%	0.00%	0.00%	10.71%	10.71%	55.36%	1.79%	1.79%	10.71%	0.00%	
MEDER ROAD															
	1. Cameron Park Dr to Rosebud Dr	430	C		3.38%	0.00%	0.00%	57.97%	5.80%	0.00%	0.97%	0.00%	11.59%	20.29%	
	2. Rosebud Dr to Ponderosa Rd	470	C		3.70%	0.00%	0.00%	56.48%	20.37%	2.78%	0.00%	3.70%	6.48%	6.48%	
MISSOURI FLAT ROAD															
	1. Green Valley Rd to El Dorado Rd	660	C		0.00%	0.00%	0.00%	20.55%	57.53%	0.00%	0.00%	2.74%	10.27%	8.90%	
	2. El Dorado Rd to Headington Rd	1,150	D		8.51%	0.00%	0.71%	17.73%	54.96%	3.90%	2.30%	0.00%	5.67%	6.21%	
	3. Headington Rd to US 50	2,330	F	YES	9.84%	0.16%	0.31%	0.94%	74.69%	0.00%	5.00%	2.34%	2.19%	4.53%	
	4. US 50 to Mother Lode Dr	2,510	F		0.00%	0.00%	5.65%	4.80%	75.99%	0.56%	0.56%	1.41%	4.24%	6.78%	
	5. Mother Lode Dr to China Garden Rd	2,340	D		6.73%	0.00%	3.48%	6.03%	67.75%	1.86%	4.41%	1.16%	2.09%	6.50%	
	6. China Garden Rd to SR 49	1,390	D		1.79%	0.89%	0.00%	0.00%	66.96%	3.57%	9.82%	0.00%	0.89%	16.07%	
MISSOURI FLAT ROAD CONNECTOR															
	1. Missouri Flat Rd to SR-49 (d)	-	-	-	0.00%	0.97%	0.00%	1.93%	67.15%	2.90%	11.59%	2.90%	1.45%	11.11%	
MORMON EMIGRANT TRAIL															
	1. Sly Park Rd to 2nd Dam	180	B		5.00%	5.00%	0.00%	2.50%	0.00%	5.00%	20.00%	0.00%	7.50%	55.00%	
MOSQUITO ROAD															
	1. Placerville City Limits to Union Ridge Rd	290	C		0.00%	3.57%	3.57%	0.00%	32.14%	7.14%	41.07%	0.00%	5.36%	7.14%	
	2. Union Ridge Rd to Rock Creek Rd	150	C		18.18%	1.14%	0.00%	4.55%	13.64%	6.82%	45.45%	0.00%	0.00%	10.23%	
MOTHER LODE DRIVE															
	1. S Shingle Rd to French Creek Rd	1,490	D		0.00%	0.35%	9.00%	27.34%	14.53%	3.46%	0.00%	0.35%	31.49%	13.49%	
	2. French Crk Rd to Greenstone Rd	970	D		2.47%	0.27%	4.93%	35.62%	24.66%	0.27%	0.27%	0.00%	14.79%	16.71%	
	3. Greenstone Rd to Pleasant Valley Rd	1,180	D		0.00%	0.82%	3.67%	20.00%	44.08%	1.22%	0.00%	0.41%	13.06%	16.73%	
	4. Pleasant Valley Rd to El Dorado Rd	400	C		0.00%	1.14%	3.41%	6.82%	76.14%	2.27%	0.00%	1.14%	6.82%	2.27%	
	5. El Dorado Rd to Missouri Flat Rd	500	C		4.12%	0.00%	2.94%	12.35%	72.94%	0.59%	0.00%	0.00%	5.29%	1.76%	
MT AUKUM ROAD															
	1. County Line to Omo Ranch Rd	270	C		5.88%	0.00%	5.88%	5.88%	8.82%	1.47%	7.35%	11.76%	4.41%	48.53%	
	2. Omo Ranch Rd to Grizzly Flat Rd	430	C		16.04%	0.94%	27.36%	13.21%	16.04%	2.83%	0.00%	0.94%	1.89%	20.75%	
	3. Grizzly Flat Rd to Sly Park Rd	340	C		3.33%	16.67%	6.67%	0.00%	0.00%	3.33%	20.00%	10.00%	0.00%	40.00%	
NEWTOWN ROAD															
	1. Pleasant Valley Rd to Snows Rd	370	C		1.92%	1.92%	13.46%	3.85%	11.54%	0.00%	30.77%	26.92%	0.00%	9.62%	
	2. Snows Rd to Weber Creek	410	C		15.32%	0.90%	14.41%	9.01%	15.32%	0.00%	17.12%	19.82%	3.60%	4.50%	
	3. Weber Creek to Placerville City Limits	390	C		5.56%	0.00%	0.00%	27.78%	11.11%	0.00%	22.22%	22.22%	0.00%	11.11%	
NORTH SHINGLE ROAD															
	1. Ponderosa Rd to Tennessee Dr	750	D		0.00%	0.00%	0.00%	25.17%	6.80%	37.41%	1.36%	0.00%	6.80%	22.45%	
	2. Tennessee Dr to Green Valley Rd	680	D		1.12%	0.00%	0.00%	31.46%	3.93%	34.27%	0.00%	0.00%	6.18%	23.03%	
OMO RANCH ROAD															
	1. Mt Aukum Rd to Fairplay Rd	110	B		17.65%	17.65%	41.18%	0.00%	5.88%	5.88%	0.00%	5.88%	0.00%	5.88%	
PLEASANT VALLEY ROAD															
	1. Mother Lode Dr to El Dorado Rd	800	D		0.00%	0.48%	4.83%	21.26%	39.61%	0.00%	0.00%	1.45%	12.56%	19.81%	
	2. El Dorado Rd to SR 49 (S)	1,120	D		0.00%	0.40%	2.40%	15.20%	57.20%	0.40%	0.80%	1.60%	8.40%	13.60%	
	3. SR 49 (N) to Big Cut Rd	1,670	E		2.63%	0.88%	7.02%	2.63%	56.14%	1.75%	2.63%	11.40%	1.75%	13.16%	
	4. Big Cut Rd to Cedar Ravine Rd	1,090	D		0.00%	0.00%	5.06%	3.80%	49.37%	0.00%	3.80%	13.92%	8.86%	15.19%	
	5. Cedar Ravine Rd to Bucks Bar Rd	1,030	D		4.84%	2.42%	20.16%	9.68%	27.42%	1.61%	4.84%	3.23%	8.06%	17.74%	
	6. Bucks Bar Rd to Newtown Rd	490	C		8.00%	0.00%	0.00%	12.00%	12.00%	0.00%	16.00%	24.00%	12.00%	16.00%	
	7. Newtown Rd to Mt Aukum Rd	640	C		10.83%	5.00%	9.17%	8.33%	14.17%	1.67%	13.33%	23.33%	7.50%	6.67%	
PONDEROSA ROAD															
	1. US 50 to N Shingle Rd	1,780	E		2.29%	1.38%	0.46%	56.88%	22.02%	0.00%	0.00%	1.83%	5.96%	9.17%	
	2. N Shingle Rd to Meder Rd	1,130	D		12.57%	0.55%	0.55%	44.81%	24.59%	0.00%	0.00%	0.00%	12.02%	4.92%	
	3. Meder Rd to Green Valley Rd	200	C		15.79%	2.63%	0.00%	65.79%	0.00%	5.26%	2.63%	0.00%	7.89%	0.00%	
PONY EXPRESS TRAIL															
	1. Carson Rd to Ridgeway Dr	360	C		5.26%	0.00%	0.00%	0.00%	0.00%	10.53%	63.16%	0.00%	0.00%	21.05%	

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99

Model Year: 2015

04GP Nexus Allocation - Future Trip Incremental Increase

ROAD NAME	SEGMENT	2015 04GP PM PEAK HOUR			TRIP CONTRIBUTION										External
		VOLUME	LOS	DEFICIENCY	El Dorado County Fee Districts										
					9	1	7	2	3	4	5	6	8		
SALMON FALLS ROAD															
	2. Ridgeway Dr to Sly Park Rd	650	C		8.11%	0.00%	0.00%	2.70%	2.70%	2.70%	48.65%	8.11%	2.70%	24.32%	
SARATOGA WAY EXTENSION															
	1. Green Valley Rd to Lake Hills Dr	1,010	D		2.58%	0.12%	0.98%	2.58%	4.79%	15.95%	2.33%	0.98%	48.10%	21.60%	
	2. Lake Hills Dr to Manzanita Ln	490	C		3.05%	0.00%	0.00%	1.22%	1.83%	29.27%	3.05%	0.61%	25.00%	35.98%	
	3. Manzanita Ln to Rattlesnake Bar Rd	410	C		5.62%	0.22%	1.12%	4.49%	7.87%	21.12%	4.49%	1.80%	24.49%	28.76%	
SERRANO PARKWAY															
	1. EDH Blvd to Silva Valley Pkwy	1,120	D		0.12%	0.00%	0.12%	2.94%	0.71%	4.59%	0.12%	0.00%	70.47%	20.94%	
SERRANO PARKWAY EXTENSION															
	1. Silva Valley Pkwy to Bass Lake Rd (f)	-	-	-	0.65%	0.00%	2.49%	26.75%	7.06%	1.19%	0.30%	0.30%	25.86%	35.41%	
SHINGLE SPRINGS DRIVE															
	1. Mother Lode Dr to US 50	440	C		2.16%	0.00%	2.16%	51.95%	13.42%	1.73%	0.87%	0.00%	10.82%	16.88%	
	2. US 50 Interchange	300	C		15.89%	0.00%	1.87%	52.34%	16.82%	0.93%	3.74%	0.93%	0.93%	6.54%	
SILVA VALLEY PARKWAY															
	1. Serrano Pkwy to Harvard Way	910	C		0.14%	0.00%	0.14%	3.02%	0.14%	6.04%	0.14%	0.00%	70.92%	19.48%	
	2. Harvard Way to Green Valley Rd	870	C		1.08%	0.00%	0.12%	9.80%	1.08%	5.73%	0.12%	0.12%	62.84%	19.12%	
SILVA VALLEY PARKWAY EXTENSION															
	1. US-50 to Serrano Pkwy (g)	-	-	-	0.30%	0.00%	0.15%	4.32%	2.53%	3.38%	0.00%	0.00%	70.87%	18.44%	
SLY PARK ROAD															
	1. Mt Aukum Rd to Clear Creek Rd	390	C		0.00%	8.06%	1.61%	3.23%	12.90%	4.84%	12.90%	30.65%	9.68%	16.13%	
	2. Clear Creek Rd to Mormon Emigrant Tr	220	C		0.00%	18.18%	3.03%	0.00%	0.00%	0.00%	21.21%	9.09%	3.03%	45.45%	
	3. Mormon Emigrant Tr to Park Creek Rd	450	C		3.70%	11.11%	1.85%	7.41%	1.85%	0.00%	16.67%	9.26%	1.85%	46.30%	
	4. Park Creek Rd to US 50	580	C		9.30%	4.65%	4.65%	2.33%	6.98%	4.65%	9.30%	4.65%	4.65%	48.84%	
	5. US 50 to Pony Express Trail	630	C		10.87%	0.00%	0.00%	2.17%	17.39%	6.52%	45.65%	0.00%	8.70%	8.70%	
SNOWS ROAD															
	1. Newtown Rd to Carson Rd	200	B		0.00%	15.79%	0.00%	0.00%	10.53%	0.00%	31.58%	21.05%	15.79%	5.26%	
SOPHIA PARKWAY															
	1. County Line to Green Valley Rd (h)	-	-	-	0.28%	0.00%	0.65%	12.22%	1.77%	2.52%	0.47%	0.19%	31.90%	50.00%	
SOUTH SHINGLE ROAD															
	1. Latrobe Rd to Brandon Rd	760	D		2.20%	0.00%	3.96%	11.87%	4.40%	2.64%	0.66%	1.98%	56.70%	15.60%	
	2. Brandon Rd to Sunset Ln	460	C		0.00%	0.00%	0.00%	15.79%	0.48%	0.96%	0.00%	1.44%	67.94%	13.40%	
	3. Sunset Ln to Durock Rd	650	C		0.00%	0.00%	1.33%	15.93%	3.98%	1.77%	0.00%	0.88%	63.27%	12.83%	
	4. Durock Rd to US 50	1,370	D		0.00%	0.00%	1.07%	39.57%	18.18%	7.49%	2.67%	1.07%	19.25%	10.70%	
SUNCAST LANE EXTENSION															
	1. County Line to White Rock Rd (i)	-	-	-	0.50%	0.18%	0.14%	3.61%	1.83%	0.50%	0.00%	0.09%	62.37%	30.77%	
	2. White Rock Rd to Latrobe Rd (j)	-	-	-	0.00%	0.27%	0.81%	0.13%	0.00%	0.00%	0.13%	0.00%	72.01%	26.65%	
WHITE ROCK ROAD															
	1. County Line to Manchester Dr.	670	D		0.68%	0.00%	0.68%	4.05%	2.70%	2.03%	0.00%	0.00%	38.51%	51.35%	
	2. Manchester Dr. to Latrobe Rd.	2,650	F	YES	1.10%	0.00%	0.30%	6.89%	1.90%	2.30%	0.30%	0.10%	70.76%	16.37%	
	3. Latrobe Rd to Silva Valley Pkwy	2,640	F	YES	0.87%	0.00%	0.16%	3.56%	1.74%	0.40%	0.08%	0.00%	70.23%	22.96%	
SR 49															
	1. County Line to Sand Ridge Rd	390	C		3.00%	0.00%	4.00%	13.00%	19.00%	2.00%	3.00%	0.00%	3.00%	53.00%	
	2. Sand Ridge Rd to Crystal Blvd	430	C		3.81%	0.00%	4.76%	12.38%	24.76%	1.90%	1.90%	0.95%	3.81%	45.71%	
	3. Crystal Blvd to China Hill Rd	710	D		0.00%	0.00%	12.50%	10.29%	33.09%	5.15%	4.41%	3.68%	2.21%	28.68%	
	4. China Hill Rd to Pleasant Valley Rd	710	D		0.00%	0.00%	12.50%	10.29%	33.09%	5.15%	4.41%	3.68%	2.21%	28.68%	
	5. Pleasant Valley Rd to Missouri Flat Rd	1,160	D		0.00%	0.00%	1.12%	11.99%	59.18%	1.87%	6.37%	4.12%	3.75%	11.61%	
	6. Missouri Flat Rd to Pleasant Valley Rd (DS)	1,260	D		0.00%	0.97%	0.00%	1.93%	67.15%	2.90%	11.59%	2.90%	1.45%	11.11%	
	7. Pleasant Valley to Placerville City Limits	860	D		8.29%	0.00%	0.00%	2.93%	64.39%	12.68%	5.37%	0.98%	1.95%	3.41%	
	8. Placerville City Limits to Gold Hill Rd	350	C		9.94%	0.00%	1.17%	0.00%	12.87%	4.68%	14.62%	4.68%	14.04%	38.01%	
	9. Gold Hill Rd to SR 153	530	C		9.04%	0.00%	1.06%	1.06%	11.70%	9.04%	13.83%	4.26%	13.83%	36.17%	
	10. SR 153 to Marshall Rd	740	D		13.33%	2.22%	0.89%	0.00%	24.00%	43.11%	1.78%	1.78%	3.56%	9.33%	
	11. Marshall Rd to Rattlesnake Bar Rd	890	D		6.67%	0.00%	1.08%	10.11%	12.47%	14.62%	5.59%	1.72%	14.19%	33.55%	
	12. Rattlesnake Bar Rd to SR 193	880	D		2.65%	1.18%	0.29%	10.00%	7.06%	45.59%	0.00%	0.29%	9.41%	23.53%	
	13. SR 193 to County Line	1,030	D		0.86%	0.43%	0.00%	9.48%	4.31%	30.17%	0.00%	0.00%	4.74%	50.00%	
SR 193															
	1. SR 49 to Greenwood Rd	820	D		1.67%	0.56%	0.28%	3.33%	3.89%	58.61%	0.28%	0.28%	6.67%	24.44%	
	2. Greenwood Rd to Main St (Georgetown)	430	C		14.29%	14.29%	14.29%	0.00%	14.29%	28.57%	0.00%	0.00%	0.00%	14.29%	
	3. Main St (Georgetown) to Shoo Fly Rd	260	C		32.14%	0.00%	0.00%	7.14%	21.43%	32.14%	0.00%	7.14%	0.00%	0.00%	
	4. Shoo Fly Rd to Placerville City Limits	320	C		30.00%	0.00%	3.33%	6.67%	26.67%	30.00%	0.00%	0.00%	3.33%	0.00%	
US HIGHWAY 50															
WB	1. County Line to EDH Blvd/Latrobe Rd	3,070	D		0.59%	0.00%	0.66%	9.91%	2.10%	1.18%	0.39%	0.13%	32.41%	52.62%	
EB		4,900	F	YES	0.24%	0.00%	0.65%	10.32%	2.31%	1.25%	0.44%	0.00%	33.13%	51.66%	
WB	2. EDH Blvd/Latrobe Rd to Bass Lake Rd	3,390	D		1.47%	0.00%	1.82%	23.14%	9.97%	0.43%	0.26%	0.00%	27.64%	35.27%	
EB		4,720	F	YES	0.65%	0.00%	2.49%	26.75%	7.06%	1.19%	0.30%	0.30%	25.86%	35.41%	
WB	3. Bass Lake Rd to Cambridge Rd	3,020	D		1.49%	0.11%	2.13%	21.28%	13.72%	0.21%	0.32%	0.00%	27.45%	33.30%	
EB		3,960	E		0.81%	0.00%	3.16%	30.32%	8.88%	1.62%	0.00%	0.29%	22.83%	32.09%	
WB	4. Cambridge Rd to Cameron Park Dr	2,790	C		1.83%	0.19%	1.63%	25.29%	13.75%	0.19%	0.29%	0.00%	26.73%	30.10%	
EB		3,430	D		1.46%	0.00%	3.51%	29.05%	11.83%	1.89%	0.00%	0.43%	20.99%	30.85%	
WB	5. Cameron Park Dr to Ponderosa Rd	2,840	C		4.99%	0.10%	0.81%	27.80%	22.30%	0.20%	0.00%	0.41%	21.49%	21.89%	
EB		3,020	D		2.10%	0.00%	5.77%	16.25%	16.25%	2.31%	0.00%	0.63%	25.37%	31.34%	
WB	6. Ponderosa Rd to Shingle Springs Dr	2,690	C		5.73%	0.18%	0.90%	32.77%	25.87%	0.72%	0.09%	0.18%	14.77%	18.80%	
EB		2,650	C		3.18%	0.00%	0.53%	31.70%	24.27%	0.00%	0.40%	1.06%	14.06%	24.80%	
WB	7. Shingle Springs Dr to Greenstone Rd	2,300	C		8.03%	0.20%	0.88%	30.56%	27.23%	0.69%	0.39%	0.39%	13.71%	17.63%	
EB		2,620	C		4.42%	0.00%	0.61%	27.44%	26.83%	0.00%	0.76%	1.22%	14.33%	24.39%	

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99

Model Year: 2015

04GP Nexus Allocation - Future Trip Incremental Increase

ROAD NAME	SEGMENT	2015 04GP			TRIP CONTRIBUTION										External
		PM PEAK HOUR			El Dorado County Fee Districts										
		VOLUME	LOS	DEFICIENCY	9	1	7	2	3	4	5	6	8		
WB	8. Greenstone Rd to El Dorado Rd	2,620	C		10.18%	0.29%	1.15%	24.50%	29.78%	0.19%	1.25%	0.58%	14.60%	17.48%	
EB		2,540	C		7.61%	0.00%	2.17%	19.25%	25.62%	1.40%	1.09%	1.09%	15.68%	26.09%	
WB	9. El Dorado Rd to Missouri Flat Rd	2,340	C		7.91%	0.32%	0.56%	16.37%	46.57%	0.48%	2.16%	1.92%	10.70%	13.02%	
EB		2,510	C		10.57%	0.32%	2.56%	5.55%	48.03%	1.07%	3.74%	3.52%	8.32%	16.33%	
WB	10. Missouri Flat Rd to Placerville City Limits	2,630	C		13.22%	0.49%	1.84%	14.57%	27.54%	0.00%	5.39%	3.55%	10.65%	22.77%	
EB		2,400	C		12.88%	0.70%	1.29%	7.85%	35.83%	6.79%	6.09%	3.04%	7.73%	17.80%	
EB	11. Placerville City Limits to Newtown Rd	1,390	B		4.11%	0.00%	0.00%	4.43%	18.99%	2.22%	12.34%	0.63%	8.23%	49.05%	
	12. Newtown Rd to Carson Rd (W)	2,920	D		3.98%	0.00%	0.94%	8.43%	12.18%	3.51%	17.80%	0.23%	6.32%	46.60%	
	13. Carson Rd (W) to Carson Rd (E)	2,610	D		4.09%	0.91%	1.59%	7.95%	6.59%	2.73%	22.95%	0.68%	6.36%	46.14%	
EB	14. Carson Rd (E) to Sawmill Rd	1,220	B		7.16%	0.29%	0.00%	4.58%	12.32%	2.01%	20.34%	0.86%	7.45%	44.99%	
EB	15. Sawmill Rd to Sly Park Rd	1,220	B		6.70%	0.28%	0.00%	5.03%	12.29%	1.68%	22.63%	0.56%	7.54%	43.30%	
	16. Sly Park Rd to Fresh Pond	1,420	D		4.74%	3.88%	0.00%	3.88%	3.02%	1.72%	4.31%	3.45%	7.33%	67.67%	
	17. Fresh Pond to Ice House Rd	1,340	B		4.78%	3.04%	0.00%	3.91%	3.04%	1.74%	3.91%	3.48%	7.39%	68.70%	
	18. Ice House Rd to Echo Lake	1,770	E		4.93%	1.35%	0.00%	3.59%	3.14%	1.79%	3.14%	3.59%	7.17%	71.30%	
US HIGHWAY 50 INTERCHANGES															
El Dorado Hills BI / Latrobe Rd															
	Undercrossing				0.13%	0.00%	0.08%	1.23%	0.21%	3.10%	0.08%	0.04%	68.32%	26.79%	
	Interchange Ramps (Local Component)				0.67%	0.00%	0.64%	8.69%	4.06%	0.47%	0.00%	0.14%	49.39%	35.94%	
	Interchange Ramps (State Component) (l)				0.74%	0.00%	1.40%	17.53%	5.36%	1.01%	0.35%	0.11%	29.76%	43.74%	
Silva Valley Pkwy															
	Undercrossing (k)				0.13%	0.00%	0.08%	1.23%	0.21%	3.10%	0.08%	0.04%	68.32%	26.79%	
	Interchange Ramps (Local Component) (k)				0.67%	0.00%	0.64%	8.69%	4.06%	0.47%	0.00%	0.14%	49.39%	35.94%	
	Interchange Ramps (State Component) (k) (l)				0.74%	0.00%	1.40%	17.53%	5.36%	1.01%	0.35%	0.11%	29.76%	43.74%	
Bass Lake Rd															
	Undercrossing				1.61%	0.00%	3.23%	1.61%	25.81%	0.00%	4.84%	0.00%	58.06%	4.84%	
	Interchange Ramps (Local Component)				0.85%	0.12%	0.85%	18.39%	4.63%	0.37%	1.22%	0.37%	39.71%	33.50%	
	Interchange Ramps (State Component) (l)				1.11%	0.03%	2.40%	25.37%	9.91%	0.86%	0.22%	0.15%	25.95%	34.02%	
Cambridge Rd															
	Overcrossing				5.06%	1.27%	0.00%	72.78%	10.13%	0.00%	0.00%	1.90%	5.06%	3.80%	
	Interchange Ramps (Local Component)				2.31%	0.39%	0.19%	55.88%	5.78%	0.77%	0.19%	0.39%	16.76%	17.34%	
	Interchange Ramps (State Component) (l)				1.40%	0.07%	2.61%	26.48%	12.05%	0.98%	0.15%	0.18%	24.50%	31.58%	
Cameron Park Dr															
	Undercrossing				3.86%	0.00%	0.62%	51.56%	10.21%	0.25%	0.25%	0.37%	22.29%	10.59%	
	Interchange Ramps (Local Component)				2.65%	0.00%	1.91%	43.27%	7.28%	0.52%	0.07%	0.44%	19.72%	24.14%	
	Interchange Ramps (State Component) (l)				2.59%	0.07%	2.93%	24.60%	16.03%	1.15%	0.07%	0.37%	23.64%	28.55%	
Ponderosa Rd															
	Overcrossing				2.03%	1.22%	0.81%	39.84%	21.14%	0.41%	2.03%	1.22%	18.70%	12.60%	
	Interchange Ramps (Local Component)				2.29%	0.42%	6.13%	28.79%	14.86%	3.12%	1.35%	0.42%	23.18%	19.44%	
	Interchange Ramps (State Component) (l)				4.00%	0.07%	2.00%	27.13%	22.17%	0.81%	0.12%	0.57%	18.92%	24.21%	
Shingle Springs Dr															
	Undercrossing				15.89%	0.00%	1.87%	52.34%	16.82%	0.93%	3.74%	0.93%	0.93%	6.54%	
	Interchange Ramps (Local Component)				4.78%	0.00%	1.74%	53.70%	12.61%	1.30%	1.30%	0.22%	8.26%	16.09%	
Rancheria															
Greenstone Rd															
	Undercrossing				8.27%	0.00%	6.02%	9.77%	33.83%	4.51%	5.26%	0.00%	18.05%	14.29%	
	Interchange Ramps (Local Component)				8.15%	0.18%	2.90%	36.78%	15.58%	0.91%	2.54%	0.91%	17.03%	15.04%	
El Dorado Rd															
	Overcrossing				2.56%	0.00%	1.79%	21.03%	55.38%	1.03%	0.00%	0.00%	7.18%	11.03%	
	Interchange Ramps (Local Component)				5.15%	0.35%	1.41%	8.82%	68.17%	0.99%	3.11%	3.03%	3.39%	5.58%	
	Interchange Ramps (State Component) (l)				9.07%	0.23%	1.61%	16.42%	37.50%	0.78%	2.06%	1.78%	12.33%	18.23%	
Missouri Flat Rd															
	Overcrossing				5.00%	0.50%	7.00%	14.00%	40.00%	14.00%	8.50%	0.00%	1.50%	9.50%	
	Interchange Ramps (Local Component)				4.24%	0.18%	1.17%	6.88%	70.10%	2.95%	4.24%	1.47%	4.97%	3.81%	
	Interchange Ramps (State Component) (l)				11.14%	0.46%	1.56%	11.08%	39.49%	2.08%	4.34%	3.01%	9.35%	17.48%	
Placerville Dr / Forni Rd															
	Overcrossing				18.32%	0.00%	0.00%	0.99%	63.37%	6.93%	1.98%	0.00%	1.49%	6.93%	
	Interchange Ramps (Local Component)				24.97%	0.26%	0.26%	10.12%	43.28%	5.63%	0.38%	0.51%	9.09%	5.51%	

- (a) Contribution percentage has been taken from Bass Lake Road segment Bass Lake to Green Valley Road.
- (b) Contribution percentage has been taken from US 50 segment EDH Boulevard/Latrobe Road to Bass Lake Road (EB).
- (c) Contribution percentage has been taken from Missouri Flat Road segment Headington Road to US 50.
- (d) Contribution percentage has been taken from SR 49 segment Missouri Flat Road to Pleasant Valley Road (DS).
- (e) Contribution percentage has been taken from US 50 segment County Line to EDH Boulevard/Latrobe Road (EB).
- (f) Contribution percentage has been taken from US 50 segment EDH Boulevard/Latrobe Road to Bass Lake Road (EB).
- (g) Contribution percentage has been taken from El Dorado Hills Boulevard segment US 50 to Lassen Lane.
- (h) Contribution percentage has been taken from Green Valley Road segment County Line to Francisco Drive.
- (i) Contribution percentage has been taken from Latrobe Road segment White Rock Road to US 50.
- (j) Contribution percentage has been taken from Latrobe Road segment Carson Creek to White Rock Road.
- (k) Contribution percentage has been taken from EDH Boulevard/Latrobe Road interchange.
- (l) Interchange Ramps State Component based on DOT methodology.

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99

Model Year: 2015

04GP Nexus Allocation - With Total Future Trips

ROAD NAME	SEGMENT	2015 04GP PM PEAK HOUR			TRIP CONTRIBUTION										External
		VOLUME	LOS	DEFICIENCY	El Dorado County Fee Districts										
					9	1	7	2	3	4	5	6	8		
BASS LAKE ROAD															
	1. US 50 to Country Club Dr	1,400	E	YES	1.08%	0.05%	0.27%	33.89%	1.84%	0.38%	0.54%	0.16%	29.51%	32.27%	
	2. Country Club Dr to Bass Lake	760	D		1.13%	0.09%	0.09%	27.33%	1.70%	0.66%	0.19%	0.00%	41.56%	27.24%	
	3. Bass Lake to Green Valley Rd	510	C		0.46%	0.15%	0.00%	44.15%	0.92%	2.00%	0.00%	0.00%	26.00%	26.31%	
BASS LAKE ROAD, NEW															
	1. Bass Lake Rd to Green Valley Rd (a)	-	-	-	0.46%	0.15%	0.00%	44.15%	0.92%	2.00%	0.00%	0.00%	26.00%	26.31%	
BIG CUT ROAD															
	1. Pleasant Valley Rd to Placerville City Limits	110	B		14.73%	2.23%	8.93%	4.91%	22.32%	3.57%	1.79%	25.45%	4.91%	11.16%	
BUCKS BAR ROAD															
	1. Mt Aukum to Cattle Cr Ln	490	D		10.54%	8.44%	33.74%	5.27%	18.63%	1.76%	1.76%	6.68%	2.64%	10.54%	
	2. Cattle Cr Ln to Pleasant Valley Rd	510	C		11.83%	6.05%	26.69%	5.50%	21.05%	1.51%	0.83%	14.86%	3.16%	8.53%	
CAMBRIDGE ROAD															
	1. US 50 EB ramps to Country Club Dr	1,020	D		0.64%	0.00%	0.11%	55.38%	0.85%	0.11%	0.11%	0.00%	13.53%	29.29%	
	2. Country Club Dr to Oxford Rd	1,050	D		0.14%	0.00%	0.00%	58.91%	0.28%	0.00%	0.00%	0.00%	12.20%	28.47%	
	3. Oxford Rd to Green Valley Rd	540	C		2.81%	0.19%	0.56%	54.78%	4.69%	0.75%	0.19%	0.00%	22.70%	13.32%	
CAMERON PARK DRIVE															
	1. Durock Rd to Coach Ln	2,600	D		1.74%	0.00%	0.26%	64.96%	2.22%	0.52%	0.35%	0.26%	10.04%	19.65%	
	2. Coach Ln to Palmer Dr	2,730	D		4.78%	0.09%	0.57%	61.22%	7.78%	0.29%	0.94%	0.31%	10.92%	13.10%	
	3. Palmer Dr to Oxford Rd	2,170	F	YES	4.11%	0.11%	0.53%	62.06%	6.47%	0.08%	0.99%	0.34%	10.43%	14.88%	
	4. Oxford Rd to Green Valley Rd	1,210	D		2.02%	0.07%	1.12%	46.10%	4.87%	1.35%	1.65%	0.75%	16.72%	25.34%	
CARSON ROAD															
	1. Placerville City Limits to Union Ridge Rd	250	C		20.24%	0.00%	0.24%	2.68%	15.37%	1.46%	50.98%	0.24%	2.20%	6.59%	
	2. Union Ridge Rd to US 50	200	B		2.55%	4.46%	0.00%	0.00%	0.64%	4.46%	77.07%	0.00%	0.00%	10.83%	
	3. US 50 to Barkley Rd	360	C		15.76%	0.00%	0.35%	3.68%	10.33%	1.40%	59.37%	1.23%	1.23%	6.65%	
	4. Barkley Rd to Pony Express Tr	270	C		0.00%	0.32%	0.64%	0.00%	0.00%	0.00%	90.06%	4.81%	0.00%	4.17%	
CEDAR RAVINE ROAD															
	1. Pleasant Valley Rd to Quarry Rd	190	C		37.74%	2.83%	12.26%	0.00%	0.00%	6.60%	3.77%	27.36%	0.00%	9.43%	
	2. Quarry Rd to Placerville City Limits	330	C		28.37%	1.06%	4.61%	3.55%	4.96%	4.96%	8.16%	36.52%	0.71%	7.09%	
COLD SPRINGS ROAD															
	1. Placerville City Limits to Cool Water Cr	680	C		20.28%	0.12%	0.46%	1.15%	26.27%	42.86%	1.84%	0.46%	1.04%	5.53%	
	2. Cool Water Cr to Gold Hill Rd	450	C		17.70%	0.00%	0.84%	0.84%	25.56%	36.80%	1.40%	0.00%	2.81%	14.04%	
	3. Gold Hill Rd to SR 49	270	C		19.38%	0.00%	0.44%	0.00%	28.19%	28.63%	0.00%	0.00%	4.41%	18.94%	
COUNTRY CLUB DRIVE															
	1. Bass Lake Rd to Merrychase Dr	600	C		0.22%	0.00%	0.00%	50.33%	0.00%	0.22%	0.00%	0.00%	19.96%	29.28%	
	2. Merrychase Dr to Cambridge Rd	550	C		3.33%	0.00%	0.79%	50.63%	4.92%	0.32%	1.43%	0.48%	8.57%	29.52%	
	3. Cambridge Rd to Royal Dr (W)	790	D		2.11%	0.00%	0.66%	50.92%	3.30%	0.13%	1.19%	0.40%	11.48%	29.82%	
	4. Royal Dr (W) to Cameron Park Dr	660	C		5.21%	0.00%	1.53%	58.96%	9.19%	0.61%	2.30%	1.07%	5.05%	16.08%	
COUNTRY CLUB DRIVE EXTENSION															
	1. Silva Valley Pkwy to Bass Lake Rd (b)	-	-	-	2.77%	0.09%	1.18%	28.87%	5.18%	2.06%	2.52%	1.14%	17.30%	38.89%	
DUROCK ROAD															
	1. Cameron Park Dr to Heinz Rd	1,340	D		0.11%	0.00%	0.69%	64.65%	0.23%	0.00%	0.00%	0.00%	11.56%	22.77%	
	2. Hines Rd to S Shingle Rd	1,220	D		3.70%	0.00%	3.46%	54.72%	11.71%	0.96%	0.72%	0.60%	15.89%	8.24%	
EL DORADO HILLS BLVD															
	1. US 50 to Lassen Ln	5,000	F	YES	1.69%	0.05%	0.53%	6.67%	2.97%	2.20%	0.51%	0.21%	66.30%	18.87%	
	2. Lassen Ln to Olson Ln	3,270	D		2.04%	0.05%	0.62%	6.59%	3.31%	2.66%	0.70%	0.25%	65.29%	18.50%	
	3. Olson Ln to St Andrews Dr	2,530	D		1.94%	0.03%	0.65%	6.22%	3.17%	3.40%	0.74%	0.32%	64.45%	19.07%	
	4. St Andrews Dr to Francisco Dr	2,230	F	YES	1.15%	0.00%	0.57%	9.60%	1.81%	2.95%	0.75%	0.31%	48.99%	33.88%	
	5. Francisco Dr to Green Valley Rd	1,000	D		0.81%	0.00%	0.30%	6.22%	1.11%	5.33%	0.15%	0.07%	59.48%	26.52%	
EL DORADO ROAD															
	1. Pleasant Valley Rd to Mother Lode Dr	370	C		12.61%	0.00%	5.04%	2.52%	71.71%	2.80%	1.40%	0.00%	0.28%	3.64%	
	2. Mother Lode Dr to US 50	740	D		13.94%	0.00%	3.06%	5.21%	66.00%	2.45%	2.30%	0.15%	2.30%	4.59%	
	3. US 50 Interchange	820	C		1.48%	0.00%	1.77%	20.53%	55.54%	2.07%	0.00%	0.00%	7.09%	11.52%	
	4. US 50 to Missouri Flat Rd	510	C		5.09%	0.00%	1.31%	16.42%	60.26%	1.64%	0.99%	0.16%	4.93%	9.20%	
	5. Missouri Flat Rd to Green Valley Rd	450	C		23.25%	0.00%	0.96%	4.14%	57.96%	4.14%	2.23%	0.64%	2.23%	4.46%	
FAIRPLAY ROAD															
	1. Mt Aukum to Omo Ranch Rd	170	C		6.82%	7.95%	55.11%	3.41%	6.25%	0.57%	6.25%	7.39%	2.27%	3.98%	
FORNI ROAD															
	1. SR49 to Enterprise Dr	240	C		9.16%	0.24%	8.67%	3.86%	69.40%	1.20%	0.48%	1.45%	0.72%	4.82%	
	2. Enterprise Dr to Missouri Flat Rd	780	D		14.77%	0.00%	2.35%	4.80%	66.60%	2.16%	2.45%	0.28%	2.35%	4.23%	
	3. Missouri Flat Rd to Wamego Rd	430	C		12.92%	0.28%	0.56%	6.74%	60.67%	4.78%	5.62%	2.81%	3.37%	2.25%	
	4. Wamego Rd to Placerville City Limits	430	C		12.92%	0.28%	0.56%	6.74%	60.67%	4.78%	5.62%	2.81%	3.37%	2.25%	
FRANCISCO DRIVE															
	1. EDH Blvd to Green Valley Rd	1,330	D		1.26%	0.00%	0.71%	9.69%	2.05%	0.08%	1.18%	0.47%	38.22%	46.34%	
GARDEN VALLEY ROAD															
	1. SR 193 to Marshall Rd	170	C		3.26%	1.09%	0.00%	0.00%	1.09%	89.13%	0.00%	0.00%	0.00%	5.43%	
GOLD HILL ROAD															
	1. Lotus Rd to Cold Springs Rd	160	B		16.35%	0.63%	0.63%	1.26%	19.50%	54.72%	3.14%	0.63%	0.63%	2.52%	
	2. Cold Springs Rd to SR 49	30	A		11.29%	0.00%	0.00%	0.00%	19.35%	53.23%	1.61%	0.00%	1.61%	12.90%	
GREEN VALLEY ROAD															
	1. County Line to Francisco Dr	3,550	F	YES	1.14%	0.05%	0.54%	15.88%	2.02%	3.09%	1.09%	0.46%	25.68%	50.05%	
	2. Francisco Dr to Salmon Falls Rd	1,830	E		1.38%	0.08%	0.54%	22.70%	2.47%	5.35%	1.30%	0.54%	16.43%	49.21%	
	3. Salmon Falls Rd to Deer Valley Rd (W)	1,490	D		1.36%	0.00%	0.58%	31.22%	3.04%	2.20%	1.10%	0.47%	21.16%	38.87%	
	4. Deer Valley Rd (W) to Bass Lake Rd	1,390	D		3.19%	0.06%	0.66%	30.81%	5.84%	2.59%	0.84%	0.30%	32.07%	23.65%	
	5. Bass Lake Rd to Cameron Park Dr	1,360	D		2.38%	0.06%	0.76%	38.66%	5.35%	3.66%	1.40%	0.70%	16.86%	30.17%	
	6. Cameron Park Dr to Deer Valley Rd (E)	620	D		2.46%	0.00%	0.00%	45.02%	5.43%	11.13%	0.52%	0.26%	11.38%	23.80%	

ROAD NAME	SEGMENT	2015 04GP PM PEAK HOUR			TRIP CONTRIBUTION										
		VOLUME	LOS	DEFICIENCY	El Dorado County Fee Districts										External
					9	1	7	2	3	4	5	6	8		
	7. Deer Valley Rd (E) to Lotus Rd	1,060	E	YES	3.68%	0.00%	0.43%	30.20%	7.44%	30.62%	0.68%	0.26%	7.44%	19.25%	
	8. Lotus Rd to Greenstone Rd	880	D		12.78%	0.36%	0.63%	36.18%	22.14%	6.75%	2.16%	1.35%	8.37%	9.27%	
	9. Greenstone Rd to Missouri Flat Rd	760	D		16.81%	0.51%	0.51%	26.83%	24.28%	13.41%	3.40%	1.87%	6.11%	6.28%	
	10. Missouri Flat Rd to Placerville City Limits	830	D		27.80%	0.22%	0.45%	15.13%	31.95%	9.19%	3.92%	0.90%	5.27%	5.16%	
GREENSTONE ROAD															
	1. Mother Lode Dr to US 50	420	C		13.02%	0.00%	2.49%	21.88%	36.01%	3.32%	3.60%	0.00%	10.53%	9.14%	
	2. US 50 Interchange	460	C		13.43%	0.29%	3.43%	23.71%	33.43%	6.86%	3.71%	0.29%	6.86%	8.00%	
	3. US 50 to Green Valley Rd	360	C		0.00%	0.00%	1.56%	41.93%	17.45%	15.36%	0.00%	0.26%	6.25%	17.19%	
HEADINGTON ROAD															
	1. Missouri Flat Rd to El Dorado Rd (c)	-	-	-	14.52%	0.18%	0.79%	6.15%	66.07%	2.64%	3.70%	1.57%	1.43%	2.96%	
LATROBE ROAD															
	1. County Line to S Shingle Rd	320	C		1.69%	0.00%	10.17%	10.17%	2.54%	1.69%	5.51%	0.00%	13.56%	54.66%	
	2. S Shingle Rd to Wetsel Oviatt	760	D		2.72%	0.29%	11.46%	13.75%	4.15%	0.72%	0.86%	0.14%	40.26%	25.64%	
	3. Wetsel Oviatt to Investment Blvd	940	D		2.32%	0.27%	12.82%	13.10%	3.68%	0.95%	0.82%	0.14%	46.66%	19.24%	
	4. Investment Blvd to Carson Creek	1,620	E	YES	0.00%	0.00%	27.66%	4.79%	0.53%	0.53%	0.00%	0.00%	32.45%	34.04%	
	5. Carson Creek to White Rock Rd	2,810	D		0.59%	0.08%	2.31%	4.49%	0.92%	0.63%	0.29%	0.04%	67.28%	23.36%	
	6. White Rock Rd to US 50	6,210	F	YES	0.99%	0.09%	0.80%	7.95%	1.78%	0.94%	0.39%	0.14%	60.88%	26.04%	
LOTUS ROAD															
	1. Green Valley Rd to Springvale Rd	780	C		1.23%	0.10%	0.51%	22.95%	4.92%	45.90%	0.00%	0.31%	4.30%	19.77%	
	2. Springvale Rd to Thompson Hill Rd	490	C		0.00%	0.00%	0.58%	24.96%	3.92%	47.17%	0.00%	0.00%	3.77%	19.59%	
	3. Thompson Hill Rd to SR 49	570	C		2.09%	0.00%	0.57%	25.43%	1.52%	49.91%	0.76%	0.19%	3.23%	16.32%	
MARSHALL ROAD															
	1. SR 49 to Mt Murphy Rd	330	C		6.69%	0.29%	0.29%	11.34%	4.94%	59.59%	1.45%	0.29%	7.27%	7.85%	
	2. Mt Murphy Rd to Black Oak Mine Rd	310	C		5.10%	0.00%	0.34%	8.84%	4.08%	70.75%	1.02%	0.68%	4.08%	5.10%	
MEDER ROAD															
	1. Cameron Park Dr to Rosebud Dr	430	C		1.46%	0.00%	0.13%	66.58%	2.25%	0.00%	0.27%	0.00%	9.28%	20.03%	
	2. Rosebud Dr to Ponderosa Rd	470	C		4.71%	0.00%	0.67%	66.33%	11.45%	1.68%	1.01%	1.35%	4.38%	8.42%	
MISSOURI FLAT ROAD															
	1. Green Valley Rd to El Dorado Rd	660	C		6.61%	0.24%	0.49%	15.06%	58.51%	8.94%	1.22%	1.10%	3.43%	4.41%	
	2. El Dorado Rd to Headington Rd	1,150	D		7.11%	0.23%	0.90%	14.22%	60.84%	5.19%	1.92%	0.79%	4.18%	4.63%	
	3. Headington Rd to US 50	2,330	F	YES	14.52%	0.18%	0.79%	6.15%	66.07%	2.64%	3.70%	1.57%	1.43%	2.96%	
	4. US 50 to Mother Lode Dr	2,510	F		8.83%	0.55%	3.06%	8.15%	58.45%	1.61%	1.91%	4.75%	4.33%	8.36%	
	5. Mother Lode Dr to China Garden Rd	2,340	D		8.91%	0.66%	3.66%	7.16%	57.32%	1.53%	1.97%	6.39%	3.77%	8.63%	
	6. China Garden Rd to SR 49	1,390	D		6.06%	0.65%	4.01%	5.24%	61.70%	2.21%	1.72%	7.20%	2.95%	8.27%	
MISSOURI FLAT ROAD CONNECTOR															
	1. Missouri Flat Rd to SR-49 (d)	-	-	-	14.06%	0.93%	5.50%	3.85%	46.68%	2.00%	5.00%	11.13%	2.00%	8.85%	
MORMON EMIGRANT TRAIL															
	1. Sly Park Rd to 2nd Dam	180	B		2.83%	3.77%	0.94%	4.72%	0.00%	2.83%	25.47%	4.72%	3.77%	50.94%	
MOSQUITO ROAD															
	1. Placerville City Limits to Union Ridge Rd	290	C		14.50%	1.15%	1.53%	3.05%	14.50%	4.58%	51.53%	0.76%	2.67%	5.73%	
	2. Union Ridge Rd to Rock Creek Rd	150	C		16.36%	2.42%	0.00%	3.94%	11.52%	5.76%	50.00%	0.30%	0.91%	8.79%	
MOTHER LODE DRIVE															
	1. S Shingle Rd to French Creek Rd	1,490	D		0.62%	0.08%	5.36%	44.68%	18.57%	1.24%	0.23%	0.31%	13.13%	15.77%	
	2. French Crk Rd to Greenstone Rd	970	D		0.93%	0.21%	6.10%	32.06%	33.09%	0.10%	0.10%	0.93%	10.24%	16.24%	
	3. Greenstone Rd to Pleasant Valley Rd	1,180	D		1.74%	0.48%	6.28%	23.29%	42.71%	0.68%	0.68%	2.32%	8.70%	13.14%	
	4. Pleasant Valley Rd to El Dorado Rd	400	C		9.69%	0.35%	1.38%	11.07%	67.13%	2.42%	2.42%	1.38%	2.77%	1.38%	
	5. El Dorado Rd to Missouri Flat Rd	500	C		12.21%	0.00%	0.90%	8.80%	68.58%	1.08%	1.97%	0.36%	2.87%	3.23%	
MT AUKUM ROAD															
	1. County Line to Omo Ranch Rd	270	C		5.51%	0.37%	15.81%	3.68%	6.25%	1.10%	8.09%	9.19%	1.47%	48.53%	
	2. Omo Ranch Rd to Grizzly Flat Rd	430	C		9.33%	3.35%	40.14%	4.23%	11.27%	1.41%	7.04%	8.45%	1.41%	13.38%	
	3. Grizzly Flat Rd to Sly Park Rd	340	C		2.78%	7.64%	22.22%	0.00%	0.00%	0.35%	24.31%	25.35%	0.00%	17.36%	
NEWTOWN ROAD															
	1. Pleasant Valley Rd to Snows Rd	370	C		9.74%	0.93%	6.50%	1.62%	4.18%	0.70%	27.38%	39.68%	0.46%	8.82%	
	2. Snows Rd to Weber Creek	410	C		21.80%	0.79%	4.11%	4.11%	9.32%	0.95%	15.01%	34.12%	1.90%	7.90%	
	3. Weber Creek to Placerville City Limits	390	C		21.84%	0.34%	2.05%	4.44%	6.14%	1.71%	21.84%	30.72%	1.02%	9.90%	
NORTH SHINGLE ROAD															
	1. Ponderosa Rd to Tennessee Dr	750	D		0.66%	0.00%	0.79%	36.05%	3.03%	28.82%	0.53%	0.13%	6.84%	23.16%	
	2. Tennessee Dr to Green Valley Rd	680	D		0.58%	0.00%	0.87%	32.90%	1.60%	35.52%	0.00%	0.00%	5.97%	22.56%	
OMO RANCH ROAD															
	1. Mt Aukum Rd to Fairplay Rd	110	B		5.10%	3.06%	68.37%	0.00%	4.08%	1.02%	1.02%	2.04%	0.00%	15.31%	
PLEASANT VALLEY ROAD															
	1. Mother Lode Dr to El Dorado Rd	800	D		0.42%	0.42%	7.11%	22.19%	43.52%	0.11%	0.21%	3.08%	8.70%	14.23%	
	2. El Dorado Rd to SR 49 (S)	1,120	D		1.24%	0.44%	8.50%	14.78%	53.63%	0.62%	0.53%	3.81%	5.75%	10.71%	
	3. SR 49 (N) to Big Cut Rd	1,670	E		3.59%	1.96%	8.08%	6.36%	44.05%	0.49%	1.88%	21.86%	3.34%	8.40%	
	4. Big Cut Rd to Cedar Ravine Rd	1,090	D		2.96%	2.47%	11.14%	5.92%	30.67%	0.49%	2.27%	32.25%	3.55%	8.28%	
	5. Cedar Ravine Rd to Bucks Bar Rd	1,030	D		9.22%	4.32%	18.84%	4.91%	22.77%	1.08%	3.73%	24.24%	2.75%	8.15%	
	6. Bucks Bar Rd to Newtown Rd	490	C		2.68%	0.00%	0.00%	3.36%	26.51%	0.00%	10.74%	47.99%	1.68%	7.05%	
	7. Newtown Rd to Mt Aukum Rd	640	C		11.77%	1.37%	6.17%	3.09%	10.40%	0.69%	19.43%	38.63%	1.94%	6.51%	
PONDEROSA ROAD															
	1. US 50 to N Shingle Rd	1,780	E		5.74%	0.20%	1.62%	54.56%	10.33%	7.43%	1.76%	1.28%	4.73%	12.36%	
	2. N Shingle Rd to Meder Rd	1,130	D		8.65%	0.17%	0.83%	58.02%	15.38%	0.50%	1.33%	0.50%	4.41%	10.22%	
	3. Meder Rd to Green Valley Rd	200	C		4.35%	0.72%	0.72%	65.94%	6.52%	4.35%	0.72%	0.00%	5.07%	11.59%	
PONY EXPRESS TRAIL															
	1. Carson Rd to Ridgeway Dr	360	C		12.43%	0.00%	0.27%	1.62%	8.11%	0.81%	65.41%	1.62%	1.35%	8.38%	

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99

Model Year: 2015

04GP Nexus Allocation - With Total Future Trips

ROAD NAME	SEGMENT	2015 04GP PM PEAK HOUR			TRIP CONTRIBUTION										External
		VOLUME	LOS	DEFICIENCY	El Dorado County Fee Districts										
					9	1	7	2	3	4	5	6	8		
SALMON FALLS ROAD															
	2. Ridgeway Dr to Sly Park Rd	650	C		1.72%	1.23%	0.00%	0.25%	0.98%	0.25%	85.01%	2.21%	0.25%	8.11%	
SARATOGA WAY EXTENSION															
	1. County Line to EDH Blvd (e)	-	-	-	1.60%	0.02%	0.81%	17.46%	2.85%	1.88%	1.76%	0.72%	19.86%	53.04%	
SERRANO PARKWAY															
	1. EDH Blvd to Silva Valley Pkwy	1,120	D		1.07%	0.00%	0.30%	5.86%	1.95%	2.37%	0.18%	0.00%	70.65%	17.63%	
SERRANO PARKWAY EXTENSION															
	1. Silva Valley Pkwy to Bass Lake Rd (f)	-	-	-	2.77%	0.09%	1.18%	28.87%	5.18%	2.06%	2.52%	1.14%	17.30%	38.89%	
SHINGLE SPRINGS DRIVE															
	1. Mother Lode Dr to US 50	440	C		5.10%	0.00%	1.70%	52.44%	13.80%	1.91%	1.06%	0.42%	8.49%	15.07%	
	2. US 50 Interchange	300	C		19.57%	0.00%	0.87%	51.30%	16.09%	1.74%	5.65%	0.43%	0.43%	3.91%	
SILVA VALLEY PARKWAY															
	1. Serrano Pkwy to Harvard Way	910	C		0.92%	0.00%	0.26%	6.17%	1.44%	2.95%	0.20%	0.00%	71.19%	16.86%	
	2. Harvard Way to Green Valley Rd	870	C		1.18%	0.00%	0.29%	9.41%	1.69%	3.90%	0.29%	0.07%	66.10%	17.06%	
SILVA VALLEY PARKWAY EXTENSION															
	1. US-50 to Serrano Pkwy (g)	-	-	-	1.69%	0.05%	0.53%	6.67%	2.97%	2.20%	0.51%	0.21%	66.30%	18.87%	
SLY PARK ROAD															
	1. Mt Aukum Rd to Clear Creek Rd	390	C		8.51%	2.43%	3.11%	2.16%	9.32%	0.54%	20.95%	41.22%	1.76%	10.00%	
	2. Clear Creek Rd to Mormon Emigrant Tr	220	C		0.00%	8.70%	4.35%	0.43%	0.43%	0.00%	55.22%	11.74%	0.43%	18.70%	
	3. Mormon Emigrant Tr to Park Creek Rd	450	C		1.82%	5.47%	2.13%	2.74%	0.61%	1.22%	48.63%	10.94%	0.91%	25.53%	
	4. Park Creek Rd to US 50	580	C		4.52%	9.68%	3.39%	1.29%	3.06%	0.48%	55.32%	6.45%	0.48%	15.32%	
	5. US 50 to Pony Express Trail	630	C		4.82%	1.55%	0.17%	0.86%	4.13%	0.52%	74.18%	2.41%	1.20%	10.15%	
SNOWS ROAD															
	1. Newtown Rd to Carson Rd	200	B		3.56%	1.29%	4.53%	1.29%	2.59%	0.32%	57.61%	21.36%	0.97%	6.47%	
SOPHIA PARKWAY															
	1. County Line to Green Valley Rd (h)	-	-	-	1.14%	0.05%	0.54%	15.88%	2.02%	3.09%	1.09%	0.46%	25.68%	50.05%	
SOUTH SHINGLE ROAD															
	1. Latrobe Rd to Brandon Rd	760	D		3.19%	0.32%	6.91%	16.15%	5.42%	2.98%	1.91%	1.49%	41.34%	20.30%	
	2. Brandon Rd to Sunset Ln	460	C		2.59%	0.20%	8.17%	18.33%	3.39%	2.79%	1.00%	1.00%	45.42%	17.13%	
	3. Sunset Ln to Durock Rd	650	C		2.75%	0.12%	8.61%	34.93%	5.26%	2.15%	1.44%	0.96%	28.83%	14.95%	
	4. Durock Rd to US 50	1,370	D		5.77%	0.15%	4.93%	49.81%	11.70%	4.31%	3.39%	1.23%	9.93%	8.78%	
SUNCAST LANE EXTENSION															
	1. County Line to White Rock Rd (i)	-	-	-	0.99%	0.09%	0.80%	7.95%	1.78%	0.94%	0.39%	0.14%	60.88%	26.04%	
	2. White Rock Rd to Latrobe Rd (j)	-	-	-	0.59%	0.08%	2.31%	4.49%	0.92%	0.63%	0.29%	0.04%	67.28%	23.36%	
WHITE ROCK ROAD															
	1. County Line to Manchester Dr.	670	D		1.44%	0.00%	1.26%	15.47%	2.70%	2.16%	1.98%	0.72%	22.84%	51.44%	
	2. Manchester Dr. to Latrobe Rd.	2,650	F	YES	1.12%	0.07%	0.76%	10.81%	2.09%	1.95%	0.97%	0.43%	64.71%	17.09%	
	3. Latrobe Rd to Silva Valley Pkwy	2,640	F	YES	0.87%	0.04%	0.52%	6.19%	1.43%	0.67%	0.24%	0.12%	71.51%	18.41%	
SR 49															
	1. County Line to Sand Ridge Rd	390	C		5.41%	0.00%	6.19%	8.76%	14.95%	2.32%	3.87%	2.84%	1.80%	53.87%	
	2. Sand Ridge Rd to Crystal Blvd	430	C		6.56%	0.00%	13.57%	9.05%	17.87%	2.71%	3.39%	1.81%	2.71%	42.31%	
	3. Crystal Blvd to China Hill Rd	710	D		8.51%	0.26%	20.36%	6.57%	36.73%	1.93%	2.96%	2.19%	2.71%	17.78%	
	4. China Hill Rd to Pleasant Valley Rd	710	D		8.51%	0.26%	20.36%	6.57%	36.73%	1.93%	2.96%	2.19%	2.71%	17.78%	
	5. Pleasant Valley Rd to Missouri Flat Rd	1,160	D		10.82%	0.25%	5.12%	5.12%	59.65%	1.43%	4.11%	4.70%	1.26%	7.55%	
	6. Missouri Flat Rd to Pleasant Valley Rd (DS)	1,260	D		14.06%	0.93%	5.50%	3.85%	46.68%	2.00%	5.00%	11.13%	2.00%	8.85%	
	7. Pleasant Valley to Placerville City Limits	860	D		23.00%	0.15%	0.58%	0.87%	54.00%	6.55%	10.63%	0.58%	0.58%	3.06%	
	8. Placerville City Limits to Gold Hill Rd	350	C		18.41%	0.51%	0.51%	0.00%	9.21%	20.46%	11.76%	3.58%	6.14%	29.41%	
	9. Gold Hill Rd to SR 153	530	C		12.55%	0.39%	0.39%	1.16%	6.37%	35.33%	8.11%	2.51%	5.21%	27.99%	
	10. SR 153 to Marshall Rd	740	D		15.07%	1.35%	0.27%	2.42%	12.92%	47.91%	3.36%	0.81%	1.88%	14.00%	
	11. Marshall Rd to Rattlesnake Bar Rd	890	D		6.16%	0.09%	0.55%	8.28%	7.45%	28.33%	3.31%	0.92%	7.91%	36.98%	
	12. Rattlesnake Bar Rd to SR 193	880	D		4.49%	0.81%	0.12%	6.91%	4.15%	45.85%	0.69%	0.12%	8.29%	28.57%	
	13. SR 193 to County Line	1,030	D		2.08%	0.13%	0.00%	5.32%	1.82%	36.62%	0.26%	0.00%	2.86%	50.91%	
SR 193															
	1. SR 49 to Greenwood Rd	820	D		2.19%	0.60%	0.10%	1.79%	2.19%	58.96%	0.40%	0.10%	4.68%	28.98%	
	2. Greenwood Rd to Main St (Georgetown)	430	C		2.13%	1.60%	0.53%	0.00%	1.60%	75.53%	0.53%	0.00%	1.06%	17.02%	
	3. Main St (Georgetown) to Shoo Fly Rd	260	C		17.24%	2.30%	1.72%	1.15%	12.64%	50.57%	2.87%	1.15%	0.00%	10.34%	
	4. Shoo Fly Rd to Placerville City Limits	320	C		17.41%	1.79%	2.23%	1.34%	13.39%	45.54%	7.14%	0.89%	0.45%	9.82%	
US HIGHWAY 50															
WB	1. County Line to EDH Blvd/Latrobe Rd	3,070	D		1.53%	0.02%	0.77%	16.85%	2.73%	1.74%	1.68%	0.69%	19.12%	54.87%	
EB		4,900	F	YES	1.60%	0.02%	0.81%	17.46%	2.85%	1.88%	1.76%	0.72%	19.86%	53.04%	
WB	2. EDH Blvd/Latrobe Rd to Bass Lake Rd	3,390	D		3.64%	0.13%	1.11%	26.50%	6.47%	1.61%	2.22%	0.89%	20.50%	36.91%	
EB		4,720	F	YES	2.77%	0.09%	1.18%	28.87%	5.18%	2.06%	2.52%	1.14%	17.30%	38.89%	
WB	3. Bass Lake Rd to Cambridge Rd	3,020	D		4.35%	0.16%	1.26%	25.10%	7.68%	1.78%	2.54%	0.99%	20.00%	36.14%	
EB		3,960	E		3.35%	0.11%	1.42%	28.00%	6.34%	2.42%	3.01%	1.34%	14.98%	39.03%	
WB	4. Cambridge Rd to Cameron Park Dr	2,790	C		5.22%	0.19%	1.38%	24.57%	9.18%	2.05%	2.79%	1.11%	19.38%	34.12%	
EB		3,430	D		4.11%	0.14%	1.67%	25.73%	7.78%	2.84%	3.55%	1.56%	13.88%	38.74%	
WB	5. Cameron Park Dr to Ponderosa Rd	2,840	C		9.05%	0.25%	1.48%	23.88%	15.03%	2.47%	3.59%	1.42%	14.44%	28.40%	
EB		3,020	D		6.69%	0.20%	2.37%	20.08%	12.41%	3.56%	5.01%	2.24%	12.10%	35.34%	
WB	6. Ponderosa Rd to Shingle Springs Dr	2,690	C		12.91%	0.31%	1.41%	24.87%	18.23%	1.19%	4.47%	1.69%	10.88%	24.05%	
EB		2,650	C		10.92%	0.30%	1.08%	21.39%	15.40%	1.68%	7.23%	3.14%	9.07%	29.79%	
WB	7. Shingle Springs Dr to Greenstone Rd	2,300	C		14.07%	0.32%	1.33%	24.15%	18.49%	1.25%	4.83%	1.74%	10.36%	23.45%	
EB		2,620	C		11.74%	0.31%	1.09%	19.68%	16.07%	1.87%	7.56%	3.28%	8.90%	29.49%	

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99

Model Year: 2015

04GP Nexus Allocation - With Total Future Trips

ROAD NAME	SEGMENT	2015 04GP			TRIP CONTRIBUTION										
		PM PEAK HOUR			El Dorado County Fee Districts										External
		VOLUME	LOS	DEFICIENCY	9	1	7	2	3	4	5	6	8		
WB	8. Greenstone Rd to El Dorado Rd	2,620	C		15.37%	0.34%	1.41%	22.76%	18.94%	0.76%	5.16%	1.82%	10.40%	23.03%	
EB		2,540	C		12.89%	0.36%	1.34%	18.40%	16.25%	1.46%	7.97%	3.41%	8.96%	28.96%	
WB	9. El Dorado Rd to Missouri Flat Rd	2,340	C		16.04%	0.34%	1.57%	18.90%	26.15%	0.75%	5.30%	2.00%	8.79%	20.15%	
EB		2,510	C		14.06%	0.42%	1.47%	14.81%	21.37%	1.64%	8.50%	3.79%	7.60%	26.33%	
WB	10. Missouri Flat Rd to Placerville City Limits	2,630	C		25.45%	0.36%	1.30%	13.77%	22.60%	1.77%	7.33%	1.57%	6.06%	19.78%	
EB		2,400	C		21.21%	0.33%	0.95%	9.87%	24.71%	3.69%	10.73%	2.51%	4.88%	21.13%	
EB	11. Placerville City Limits to Newtown Rd	1,390	B		13.03%	0.95%	0.18%	4.10%	9.33%	2.45%	31.73%	0.22%	2.64%	35.36%	
	12. Newtown Rd to Carson Rd (W)	2,920	D		9.85%	1.98%	0.55%	5.86%	7.95%	4.79%	26.20%	0.12%	2.81%	39.89%	
	13. Carson Rd (W) to Carson Rd (E)	2,610	D		8.09%	2.31%	0.60%	5.38%	6.30%	4.59%	29.35%	0.36%	2.59%	40.43%	
EB	14. Carson Rd (E) to Sawmill Rd	1,220	B		9.65%	1.35%	0.14%	3.78%	7.37%	2.75%	29.24%	0.19%	2.57%	42.96%	
EB	15. Sawmill Rd to Sly Park Rd	1,220	B		7.72%	1.44%	0.19%	3.60%	6.14%	2.68%	31.93%	0.62%	2.40%	43.29%	
	16. Sly Park Rd to Fresh Pond	1,420	D		2.28%	4.39%	0.44%	3.77%	2.11%	3.95%	4.21%	1.67%	2.46%	74.74%	
	17. Fresh Pond to Ice House Rd	1,340	B		2.27%	4.37%	0.44%	3.76%	2.10%	3.93%	4.37%	1.66%	2.45%	74.65%	
	18. Ice House Rd to Echo Lake	1,770	E		2.12%	4.23%	0.44%	3.70%	2.03%	3.97%	4.06%	1.68%	2.29%	75.49%	
US HIGHWAY 50 INTERCHANGES															
El Dorado Hills BI / Latrobe Rd															
	Undercrossing				0.07%	0.00%	0.44%	0.90%	0.10%	2.21%	0.05%	0.02%	68.87%	27.35%	
	Interchange Ramps (Local Component)				2.18%	0.12%	0.83%	15.25%	4.06%	0.77%	0.99%	0.48%	46.00%	29.31%	
	Interchange Ramps (State Component) (l)				2.39%	0.07%	0.97%	22.42%	4.31%	1.82%	2.05%	0.86%	19.20%	45.92%	
Silva Valley Pkwy															
	Undercrossing (k)				0.07%	0.00%	0.44%	0.90%	0.10%	2.21%	0.05%	0.02%	68.87%	27.35%	
	Interchange Ramps (Local Component) (k)				2.18%	0.12%	0.83%	15.25%	4.06%	0.77%	0.99%	0.48%	46.00%	29.31%	
	Interchange Ramps (State Component) (k) (l)				2.39%	0.07%	0.97%	22.42%	4.31%	1.82%	2.05%	0.86%	19.20%	45.92%	
Bass Lake Rd															
	Undercrossing				5.62%	0.00%	1.69%	20.79%	12.92%	0.56%	2.25%	0.00%	53.37%	2.81%	
	Interchange Ramps (Local Component)				1.00%	0.03%	0.32%	32.23%	1.93%	0.42%	0.48%	0.10%	33.13%	30.37%	
	Interchange Ramps (State Component) (l)				3.53%	0.13%	1.24%	27.12%	6.42%	1.97%	2.57%	1.09%	18.20%	37.74%	
Cambridge Rd															
	Overcrossing				5.90%	0.56%	0.84%	75.56%	9.55%	1.12%	1.12%	0.84%	2.25%	2.25%	
	Interchange Ramps (Local Component)				1.58%	0.07%	0.24%	55.55%	2.78%	0.45%	0.24%	0.14%	13.41%	25.54%	
	Interchange Ramps (State Component) (l)				4.26%	0.15%	1.43%	25.85%	7.75%	2.27%	2.97%	1.25%	17.06%	37.00%	
Cameron Park Dr															
	Undercrossing				4.78%	0.09%	0.57%	61.22%	7.78%	0.29%	0.94%	0.31%	10.92%	13.10%	
	Interchange Ramps (Local Component)				4.78%	0.06%	0.81%	50.22%	7.68%	0.63%	1.47%	0.65%	12.96%	20.76%	
	Interchange Ramps (State Component) (l)				6.27%	0.20%	1.72%	23.56%	11.10%	2.73%	3.74%	1.59%	14.95%	34.15%	
Ponderosa Rd															
	Overcrossing				11.76%	0.28%	4.61%	50.83%	15.82%	2.34%	3.30%	1.58%	3.23%	6.26%	
	Interchange Ramps (Local Component)				6.33%	0.12%	4.16%	40.34%	12.91%	4.34%	2.03%	0.70%	9.81%	19.24%	
	Interchange Ramps (State Component) (l)				9.89%	0.27%	1.58%	22.55%	15.27%	2.22%	5.07%	2.12%	11.62%	29.39%	
Shingle Springs Dr															
	Undercrossing				19.57%	0.00%	0.87%	51.30%	16.09%	1.74%	5.65%	0.43%	0.43%	3.91%	
	Interchange Ramps (Local Component)				7.01%	0.00%	1.22%	55.69%	11.28%	1.42%	1.83%	0.30%	6.50%	14.74%	
Rancheria															
Greenstone Rd															
	Undercrossing				13.43%	0.29%	3.43%	23.71%	33.43%	6.86%	3.71%	0.29%	6.86%	8.00%	
	Interchange Ramps (Local Component)				8.28%	0.22%	1.92%	32.10%	21.15%	7.84%	2.44%	0.67%	9.76%	15.61%	
El Dorado Rd															
	Overcrossing				1.48%	0.00%	1.77%	20.53%	55.54%	2.07%	0.00%	0.00%	7.09%	11.52%	
	Interchange Ramps (Local Component)				10.46%	0.27%	1.93%	8.37%	63.04%	1.54%	3.74%	2.12%	2.97%	5.56%	
	Interchange Ramps (State Component) (l)				14.59%	0.37%	1.45%	18.72%	20.68%	1.15%	6.73%	2.76%	8.94%	24.62%	
Missouri Flat Rd															
	Overcrossing				21.02%	0.38%	2.02%	2.07%	60.13%	3.76%	6.21%	2.23%	0.16%	2.02%	
	Interchange Ramps (Local Component)				15.14%	0.29%	1.55%	9.12%	53.53%	2.89%	4.79%	2.54%	4.32%	5.84%	
	Interchange Ramps (State Component) (l)				19.19%	0.36%	1.32%	14.34%	23.71%	1.96%	7.97%	2.47%	6.83%	21.85%	
Placerville Dr / Forni Rd															
	Overcrossing				42.39%	0.31%	0.86%	0.16%	39.89%	2.34%	10.15%	1.87%	0.23%	1.80%	
	Interchange Ramps (Local Component)				34.18%	0.18%	1.01%	9.18%	37.11%	4.57%	4.12%	1.27%	4.06%	4.32%	

- (a) Contribution percentage has been taken from Bass Lake Road segment Bass Lake to Green Valley Road.
- (b) Contribution percentage has been taken from US 50 segment EDH Boulevard/Latrobe Road to Bass Lake Road (EB).
- (c) Contribution percentage has been taken from Missouri Flat Road segment Headington Road to US 50.
- (d) Contribution percentage has been taken from SR 49 segment Missouri Flat Road to Pleasant Valley Road (DS).
- (e) Contribution percentage has been taken from US 50 segment County Line to EDH Boulevard/Latrobe Road (EB).
- (f) Contribution percentage has been taken from US 50 segment EDH Boulevard/Latrobe Road to Bass Lake Road (EB).
- (g) Contribution percentage has been taken from El Dorado Hills Boulevard segment US 50 to Lassen Lane.
- (h) Contribution percentage has been taken from Green Valley Road segment County Line to Francisco Drive.
- (i) Contribution percentage has been taken from Latrobe Road segment White Rock Road to US 50.
- (j) Contribution percentage has been taken from Latrobe Road segment Carson Creek to White Rock Road.
- (k) Contribution percentage has been taken from EDH Boulevard/Latrobe Road interchange.
- (l) Interchange Ramps State Component based on DOT methodology.